

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2**Complete if Known**

Application Number	09/997849
Filing Date	11/12/01
First Named Inventor	Fabiny, Larry
Art Unit	2872
Examiner Name	Lavarias
Attorney Docket Number	019930-005600US

JCE25 U.S. PTO
09/992849

11/12/01

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>AC</i>	AA	US-5,212,582	05/18/93	Nelson	
<i>AC</i>	AB	US 5,279,924	01/18/94	Sakai et al.	
<i>AC</i>	AC	US-5,414,540	05/09/95	Patel et al.	
<i>AC</i>	AD	US-5,917,625	05/23/99	Ogusu et al.	
<i>AC</i>	AE	US-5,960,133	09/28/99	Tomlinson	
<i>AC</i>	AF	US-5,999,672	12/07/99	Hunter et al.	
<i>AC</i>	AG	US-6,097,519	08/01/00	Ford et al.	
<i>AC</i>	AH	US-6,097,859	08/01/00	Solgaard et al.	
<i>AC</i>	AI	US-6,097,863	08/01/00	Chowdhury	
<i>AC</i>	AJ	US-6,108,471	08/22/00	Zhang et al.	
<i>AC</i>	AK	Appl. No. 09/442,061	Filed: 11/16/99	Weverka et al.	
<i>AC</i>	AL	Appl. No. 09/615,300	Filed: 07/13/00	Fabiny et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	AM	NONE				
	AN					
	AO					
	AP					

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>AC</i>	AQ	FORD, JOSEPH E., et al., "Wavelength Add-Drop Switching Using Tilting Micromirrors," Journal of Lightwave Technology, Vol. 17, No. 5, May 1999	
<i>AC</i>	AR	GRADE, JOHN D., et al., "A Large-Deflection Electrostatic Actuator for Optical Switching Applications," Solid-State Sensor and Actuator Workshop, Hilton Head Island, South Carolina, June 4-8, 2000	
<i>AC</i>	AS	GRAF, U.U., et al., "Fabrication and evaluation of an etched infrared diffraction grating," Applied Optics, Vol. 33, No. 1, January 1994	

Examiner
Signature*Amel C. Lavarias*Date
Considered*1/28/03*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
<i>ku</i>	AT		KELLER, LUKE D., et al., "Fabrication and testing of chemically micromachined silicon echelle gratings," Applied Optics, Vol. 39, No. 7, March 2000					
<i>ku</i>	AU		NISHI, I., et al., "Broad-Passband-Width Optical Filter for Multi/Demultiplexer Using a Diffraction Grating and a Retroreflector Prism," Electronics Letters, Vol. 21, No. 10, May 9, 1985					
<i>ku</i>	AV		PHILIPPE, P., et al., "Wavelength demultiplexer: using echelette gratings on silicon substrate," Applied Optics, Vol. 24, No. 7, April 1, 1985					
<i>ku</i>	AW		RALLISON, R.D., et al., "Dense Wavelength Division Multiplexing (DWDM) and the Dickson Grating," White Paper, January 6, 2001					
<i>ku</i>	AX		SHAMS, MOHAMMAD KAZEM, et al., "Preferential chemical etching of blazed gratings in (110)-oriented GaAs," Optics Letters, Vol. 4, No. 3, March 1979					
<i>ku</i>	AY		SMITH, M.S.D., et al., "Diffraction ratings Utilizing Total Internal Reflection Facets in Littrow Configuration," IEEE Photonics Technology Letters, Vol. 11, No. 1, January 1999					
<i>ku</i>	AZ		SUN, Z.J., et al., "Demultiplexer with 120 Channels and 0.29-nm Channel Spacing," IEEE Photonics Technology Letters, Vol. 10, No. 1, January 1998					
<i>ku</i>	BA		LOEWEN, ERWIN G., et al., "Diffraction Gratings and Applications," Marcel Dekker, Inc, 1997, pp. 132-136, 300-301					

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Signature*Amel C. Lavarias*Date
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